

This listing of claims will replace all prior versions of the claims in the application:

Listing of Claims:

1. (Currently amended) An indexable cutting insert, comprising an anterior layer cutting head portion and a posterior layer portion, wherein:

the anterior layer cutting head portion comprises:

an anterior face, and comprising

mutually inclined lateral faces extending transversally to the anterior face

and joining each anterior face, wherein the mutually inclined lateral faces delimit of an anterior periphery and delimiting, together with the a large anterior face, a front view profile formed by a certain number of cutting edges mutually inclined in the direction of said profile, the mutually inclined lateral faces joining the anterior face at the cutting edges and the cutting edges being located substantially in a same plane, and a

the posterior layer portion, constituting constitutes an anchoring base for anchoring the indexable cutting insert on a tool holder, the posterior layer portion comprising:

a posterior face for supporting the indexable cutting insert on a bottom of a seat of the tool holder; and

lateral faces of a posterior periphery, at least some of which are framing supporting faces for supporting the indexable cutting insert on walls of [[a]] the seat of the tool holder, the lateral framing supporting faces extending transversally to the posterior face and joining each the posterior face; characterized in that the posterior periphery comprises a maller

the number of said lateral framing supporting faces is smaller than the number of cutting edges; and

the cutting edges define cutting noses, each cutting nose protruding with respect to a respective one of the lateral framing supporting faces.

2. (Currently amended) The insert ~~Insert~~ according to claim 1, in which the lateral framing supporting faces are planar.
3. (Currently amended) The insert ~~Insert~~ according to claim 1, in which the lateral framing supporting faces define a curved posterior periphery.
4. (Currently amended) The insert ~~Insert~~ according to claim 3, in which the curvature is variable over a same lateral framing supporting face.
5. (Currently amended) The insert ~~Insert~~ according to claim 1, in which successive lateral framing supporting faces are joined together at respective angles less than 180 degrees, in order to thereby define a said posterior periphery having a uniformly varying orientation.
6. (Currently amended) The insert ~~Insert~~ according to claim 3, in which the lateral framing supporting faces are concave.
7. (Currently amended) The insert ~~Insert~~ according to claim 1, in which the posterior layer has the shape of a truncated pyramid that tapers toward the posterior face ~~lateral framing supporting faces have an overall truncated cone shape~~.
8. (Currently amended) The insert ~~Insert~~ according to claim 7, in which the truncated pyramid has ~~anterior layer portion has a truncated pyramid shape with rising edges extending up to the anterior face of the anterior layer cutting head aligned with rising edges of the posterior layer portion~~.

Claims 9-10. (Cancelled)

11. (Currently amended) The insert ~~Insert~~ according to claim 1 ~~10~~, in which some of consecutive pairs of lateral framing supporting faces are mutually inclined at an angle ranging between 65 and 85 degrees.

Claims 12-15. (Cancelled)

16. (New) The insert according to claim 1, wherein the posterior face is substantially planar and parallel to the cutting edges.

17. (New) An indexable cutting insert, comprising an anterior layer cutting head portion and a posterior layer portion, wherein:

the anterior layer cutting head portion comprises:

an anterior face, and

mutually inclined lateral faces extending transversally to the anterior face and joining each anterior face,

wherein the mutually inclined lateral faces delimit, together with the anterior face, a front view profile formed by a certain number of cutting edges mutually inclined in the direction of said profile, the mutually inclined lateral faces joining the anterior face at the cutting edges and the cutting edges being located substantially in a same plane,

the posterior layer portion constitutes an anchoring base for anchoring the indexable cutting insert on a tool holder, the posterior layer portion comprising:

a substantially planar posterior face for supporting the indexable cutting insert on a bottom of a seat of the tool holder, the posterior face being

delimited by four edges; and

four lateral framing supporting faces for supporting the indexable cutting

insert on walls of the seat of the tool holder, each of the four lateral framing supporting faces being substantially planar and each of the four lateral framing supporting faces extending transversally to the posterior face and joining a respective one of the four edges delimiting the posterior face;

the number of cutting edges is greater than four, and

the cutting edges define cutting noses, each cutting nose protruding with respect to a respective one of the four lateral framing supporting faces.

18. (New) The insert according to claim 17, wherein the anterior layer cutting head portion comprises eight mutually inclined lateral faces joining each anterior face, the eight mutually inclined lateral faces delimiting, together with the anterior face, a front view profile formed by eight cutting edges mutually inclined in the direction of said profile, the eight cutting edges defining four cutting noses protruding each with respect to a respective one of the four lateral framing supporting faces of the posterior layer portion.

19. (New) The insert according to claim 18, in which the posterior layer cutting has a shape of a truncated pyramid with rising edges extending up to the anterior face of the anterior layer cutting head portion, the truncated pyramid tapering towards the posterior face of the posterior layer.

20. (New) Assembly, comprising:

a tool holder having a longitudinal axis,

at least one indexable cutting insert, comprising an anterior layer cutting head portion and a posterior layer portion, wherein:

the anterior layer cutting head portion comprises:

an anterior face, and

mutually inclined lateral faces extending transversally to the anterior

face and joining each anterior face,
wherein the mutually inclined lateral faces delimit, together with the
anterior face, a front view profile formed by a certain number
of cutting edges mutually inclined in the direction of said
profile, the mutually inclined lateral faces joining the anterior
face at the cutting edges and the cutting edges being located
substantially in a same plane,
the posterior layer portion constitutes an anchoring base by which the indexable
cutting insert is anchored on the tool holder, the posterior layer portion comprising:
a posterior face by which the indexable cutting insert is supported on a
bottom of a seat of the tool holder, and
lateral framing supporting faces extending transversally to the posterior
face and joining each posterior face, the indexable cutting
insert being supported on walls of the seat of the tool holder by
some of the lateral framing supporting faces,
the number of said lateral framing supporting faces is smaller than the number of
cutting edges, and
the cutting edges define cutting noses, each cutting nose protruding with respect
to a respective one of the lateral framing supporting faces, and
insert clamping means which are associated to the bottom of the seat of the tool holder,
the indexable cutting insert being clamped on the tool holder by the insert clamping means,
wherein one of said cutting noses protrudes axially from the tool holder.

21. (New) Assembly according claim 20, wherein said walls of the seat of the tool holder are
also in contact with inclined lateral faces of the anterior layer insert.

22. (New) Assembly according claim 20, wherein:

the number of said lateral framing supporting faces of the posterior layer portion is four, each of said lateral framing supporting faces being substantially planar,

the posterior face is substantially planar and parallel to the cutting edges,

the indexable cutting insert is supported on two walls of the seat of the tool holder by two adjacent lateral framing supporting faces, and

the anterior layer cutting head portion comprises eight mutually inclined lateral faces joining each anterior face, the eight mutually inclined lateral faces delimiting, together with the anterior face, a front view profile formed by eight cutting edges mutually inclined in the direction of said profile, the eight cutting edges defining four cutting noses protruding each with respect to a respective one of the four lateral framing supporting faces of the posterior layer portion.

23. (New) Assembly according to claim 22, wherein the tool holder holds two indexable cutting inserts diametrically opposed with respect to the longitudinal axis.